

**Return on Investment Program Funding Application (FY 2003 Request)**

This is an electronic template. Please enter your responses on this document. Only electronic submittals of this template will be accepted. Proposals submitted after the designated due date may not receive funding consideration.

FINAL AUDIT REQUIRED: The Enterprise Quality Assurance Office of the Information Technology Department is required to perform a final project outcome audit, after implementation, for all Pooled Technology funded projects.

SECTION I: PROPOSALDate: June 12, 2001Agency Name: Iowa Department of Public SafetyProject Name: FBI/CJIS Security PolicyExpenditure Name: FBI/CJIS Security PolicyAgency Manager: Larry Grund, Technology Services BureauAgency Manager Phone Number / E-mail: 281-8419 / grund@dps.state.ia.usExecutive Sponsor (Agency Director or Designee): Carroll L. Bidler**Request For ROI Application Waiver:**

Agencies are required to complete this funding application when requesting funds for any project, any IT expenditure costing over \$100,000, or any non-routine IT expenditure. If you feel there is compelling reason to waive this requirement, please provide (in the box provided below) a brief description of the project or expenditure, the budget amount, and a rationale for the waiver request. Until a decision is made regarding your waiver request, it is not necessary to complete any other portion of this application. The ITD Enterprise Quality Assurance Office will convey waiver request decisions within five working days of receipt.

Explanation: Waiver is requested on the premise that requesting staff falls outside the intent of the ROI process. In order to maintain and provide security for telecommunications activity and monitoring the Department will have a decision package for one additional general fund position for a total of \$120,872.

RESPONSE TO WAIVER REQUEST:Approved: x Disapproved: Maybe:

Comment:

A. Project or Expenditure Rationale

Is this project or expenditure necessary for compliance with a Federal standard, initiative, or statute? ☒ **YES** (If "YES," explain) ☐ **NO**

Explanation: The Federal Bureau of Investigation, Criminal Justice Information Services Division (CJIS) has adopted a security policy that we must adhere to in order to maintain our National Crime Information Center (NCIC) Services. This Security Policy requires that Control Terminal Agencies (CTA's) perform certain functions by no later than the close of Fiscal Year 2002. The Iowa Department of Public Safety is the CTA for Iowa. This policy when adopted and implemented will help meet the Governors agenda strategic goal of safe communities throughout Iowa by protecting the states citizens and insure the integrity of law enforcement telecommunications operations.

Is this project or expenditure required by State statute? ☐ YES (If "YES," explain) ☒ NO

Explanation:

Does this project or expenditure meet a health, safety or security requirement?

☒ YES (If "YES," explain) ☐ NO

Explanation: This policy when adopted and implemented will help meet the Governors agenda strategic goal of safe communities throughout Iowa by protecting the states citizens and insure the integrity of law enforcement telecommunications operations.

Is this project or expenditure necessary for compliance with an enterprise technology standard?

☐ YES (If "YES," explain) ☒ NO

Explanation:

Is this project or expenditure consistent with meeting the goals and objectives of the State's strategic plans?

☐ YES (If "YES," explain) ☒ NO

Explanation:

Is this a "research and development" project or expenditure? ☐ YES (If "YES," explain) ☒ NO

Explanation:

B. Project or Expenditure Summary

1. Provide a pre-project or pre-expenditure (before implementation) and a post-project or post-expenditure (after implementation) description of the impacted system or process. In particular, note if the project or expenditure makes use of information technology in reengineering traditional government processes.

Response: Pre-project - Significant changes in the law enforcement community's telecommunications and systems architecture have occurred since the previous NCIC Security Policy was published and approved by the NCIC Board on June 3, 1992. Many organizations have moved from mainframe/dedicated terminal and dedicated point-to-point lines toward client/server architecture and transmission control protocol/Internet protocol (TCP/IP) communications. There is also increased reliance upon dial-up communications, portable computers and personal communication devices.

These technological advances present themselves as modern law enforcement tools that redefine the security risk picture for the information processed, stored, and transmitted on CJIS systems. The Criminal Justice community is not alone in their quest for adaptability and management of these technological advances. Our desire to make as many of these tools available for our particular use, has brought about a renewed awareness of the technological pitfalls that present themselves in areas such as authentication, secure dial-up access, and encryption.

Post-Project - Each Control Terminal Agency (CTA) shall establish an Information Technology (IT) Security Program. The CTA is responsible for security control as defined as the ability of the CTA or criminal justice agency to set, maintain, and enforce: 1.) Standards for the selection, supervision, and termination of personnel; and 2.) Policy governing the operation of computers, access devices, circuits, hubs, routers, firewalls, and other components that make up and support a telecommunications network and related CJIS systems used to process, store, or transmit criminal justice information, guaranteeing the priority, integrity, and availability of service needed by the criminal justice community. Each CTA shall establish an information security structure that provides for an ISO. The CTAs shall also ensure that each local agency having access to a criminal justice network have someone designated as the security point-of-contact (POC).

2. Summarize the extent to which the project or expenditure improves customer service to Iowa citizens or within State government. Included would be such items as improving the quality of life, reducing the government hassle factor, providing enhanced services, improving work processes, etc.

Response: Enhanced service will be provided by faster, secure network guaranteeing the priority, integrity, and availability of service needed by the criminal justice community.

3. Identify the main project or expenditure stakeholders and summarize the extent to which each, especially citizens, is impacted. In particular, note if the project or expenditure helps reconnect Iowans to State government.

Response: When adopted and implemented will help meet the Governors agenda strategic goal of safe communities throughout Iowa by protecting the states citizens and insure the integrity of law enforcement telecommunications operations.

SECTION II: PROJECT ADMINISTRATION

A. Agency Information

1. Project Executive Sponsor Responsibilities: The sponsor must have the authority to ensure that adequate resources are available for the entire project, that there is commitment and support for the project, and that the organization will achieve successful project implementation.

Response: No response required.

2. Organization Skills:

- a. List the project management skills necessary for successful project implementation
- b. List the project management skills available within the agency
- c. List the source(s) of project management skills lacking within the agency
- d. Summarize relevant agency project management experience and results

Response: 2A.) FBI/NCIC control terminal administrator and be named the FBI/NCIC Information Security Officer trained to administrate the security policy. 2b.) The Technology Services Bureau of the Department of Public Safety has the NCIC trained security group to implement this project. Other skill sets our staff will make use of is: LAN/WAN technologies, Extranet and Internet technologies. If additional skills are needed, appropriate training will be scheduled. 2c.) None. 2d.) The Technology Services Bureau of the Department has rolled out a complete TCP/IP network and router equipment to include programming of the routers, coordination with user agencies, ICN, and local phone companies in over 220 sites across Iowa.

B. Project Information

1. History:

- a. Is this project the first part of a future, larger project? If so, please explain.
- b. Is this project a continuation of a previously begun project? If so, please explain project history, current status, and results.

Response: 1.a. The Department plan is a three-year rollout, however we do understand that we are asking for year one funding at this point. 2.b. No.

2. Expectations: Describe the primary purpose or reason for the project.

Response: The Federal Bureau of Investigation, Criminal Justice Information Services Division (CJIS) has adopted a security policy that we must adhere to in order to maintain our National Crime Information Center (NCIC) Services.

3. Measures: Describe the criteria that will be used to determine if the project is

successful.

Response: Compliance with the federal mandate and withstanding the FBI/NCIC security audit within the specified time limit.

4. Environment: List the project participants (i.e. single agency, multiple agencies, State government enterprise, citizens, associations, or businesses, etc.).

Response: State of Iowa Department of Public Safety, County Sheriffs, local police departments, criminal justice agencies, and any federal agency contacted with the state.

5. Risk: Describe the project risks which may be internal or external to State government, i.e. implementing versus not implementing project, changing technology, potential cost overruns, changing citizen demand or need, etc.

Response: Should the state not be able to implement within the time frames mentioned the FBI/NCIC would sanction the state and potentially pull our connectivity. This would impact state and local law enforcement and put the citizens and officers of the state in jeopardy.

6. Security / Data Integrity / Data Accuracy / Information Privacy
a. List the security requirements of the project
b. Describe how the security requirements will be integrated into the project and tested
c. Describe what measures will be taken to insure data integrity, data accuracy and information privacy.

Response: Please see the attached CJIS Security Policy date March 2001.

7. Project Schedule
Describe general time lines, resources, tasks, checkpoints, deliverables, responsible parties, etc.

Response: See attached spreadsheet.

SECTION III: TECHNOLOGY (In written detail, describe the following)**A. Current Technology Environment**1. Software (Client Side / Server Side / Midrange / Mainframe):

- a. Application software
- b. Operating system software
- c. Major interfaces to other systems, both internal and external

Response: See attached spreadsheet

2. Hardware (Client Side / Server Side / Mid-range / Mainframe):

- a. Platform, operating system
- b. Storage and physical environment
- c. Connectivity and bandwidth
- d. Logical and physical connectivity
- e. Major interfaces to other systems, both internal and external

Response: See attached spreadsheet

B. Proposed Technology Environment1. Software (Client Side / Server side / Mid-range / Mainframe)

- a. Application software
- b. Operating system software
- c. Major interfaces to other systems, both internal and external
- d. General parameters if specific parameters are unknown or to be determined

Response: Upgrade and replacing Cisco equipment/software

2. Hardware (Client Side / Server Side / Mid-range / Mainframe)

- a. Platform, operating system
- b. Storage and physical environment
- c. Connectivity and Bandwidth
- d. Logical and physical connectivity
- e. Major interfaces to other systems, both internal and external
- f. General parameters if specific parameters are unknown or to be determined

Response: See attached spreadsheet

C. Data Elements

If the project creates a new database, provide a description of the data elements.

Response: N/A

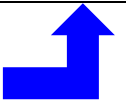
SECTION IV: Financial Analysis

A. Budget: Enter figures and calculate (see formula below) Total Annual Prorated Cost (State Share).

$$\left[\left(\frac{\text{Budget Amount}}{\text{Useful Life}} \right) \times \% \text{ State Share} \right] + (\text{Annual Ongoing Cost} \times \% \text{ State Share}) = \text{Annual Prorated Cost}$$

Budget Line Items	Budget Amount (1 st Year Cost)	Useful Life (Years)	% State Share	Annual Ongoing Cost (After 1 st Year)	% State Share	Annual Prorated Cost
Agency Staff	\$	1	%	\$	%	\$
Software	\$	4	%	\$	%	\$
Hardware	\$	3	%	\$	%	\$
Training	\$	4	%	\$	%	\$
Facilities	\$	1	%	\$	%	\$
Professional Services	\$	4	%	\$	%	\$
ITD Services	\$	4	%	\$	%	\$
Supplies, Maint, etc.	\$	1	%	\$	%	\$
Other (Specify)	\$	1	%	\$	%	\$
Totals	\$	-----	-----	\$	-----	\$

Transfer this amount to the ROI Financial Worksheet, item "D" on page 11.



B. Funding: Enter data or provide response as requested

1. This is (pick one): ☐ A Pooled Technology Fund or Reengineering Fund Request
☐ An Agency IT Expenditure or Budget Request (General Fund, Road Funds, etc)
☐ Other – Specify:

2. On a fiscal year basis, enter the estimated cost by funding source?

	FY03		FY04		FY05	
	Cost (\$)	% Total Cost	Cost (\$)	% Total Cost	Cost (\$)	% Total Cost
State General Fund	\$	%	\$	%	\$	%
Pooled Tech. Fund	\$	%	\$	%	\$	%
Federal Funds	\$	%	\$	%	\$	%
Local Gov. Funds	\$	%	\$	%	\$	%
Grant or Private Funds	\$	%	\$	%	\$	%
Other Funds (Specify)	\$	%	\$	%	\$	%
Total Project Cost	\$	100%	\$	100%	\$	100%

If applicable, summarize prior fiscal year funding experience for the project / expenditure.

Response:

1. On a fiscal year basis, how much of the total (\$ amount and %) project / expenditure cost would be absorbed by your agency from normal operating budgets (all funding sources)?

Response:

2. Identify, list, and quantify all new annual ongoing (maintenance, staffing, etc.) related costs (State \$s) that will be incurred after implementation or expenditure.

Response:

C. ROI Financial Worksheet: Respond to the following and transfer data to the ROI Financial Worksheet (see IVC11) as necessary:

1. Annual Pre-Project Cost – Quantify all actual state government direct and indirect costs (personnel, support, equipment, etc.) associated with the activity, system or process prior to project implementation. This section should be completed only if state government operations costs are expected to be reduced as a result of project implementation.

Response:

2. Annual Post-Project Cost – Quantify all estimated State government direct and indirect costs associated with activity, system or process after project implementation. This section should be completed only if State government operations costs are expected to be reduced as a result of project implementation.

Response:

3. State Government Benefit -- Subtract the total “Annual Post-Project Cost” from the total “Annual Pre-Project Cost.” This section should be completed only if State government operations costs are expected to be reduced as a result of project implementation.

Response:

4. Citizen Benefit – Quantify the estimated annual value of the project to Iowa citizens. This includes the “hard cost” value of avoiding expenses (“hidden taxes”) related to conducting business with State government. These expenses may be of a personal or business nature. They could be related to transportation, the time expended on or waiting for the manual processing of governmental paperwork such as licenses or applications, taking time off work, mailing, or other similar expenses. As a “rule of thumb,” use a value of \$10 per hour for citizen time savings and \$.325 per mile for travel cost savings.

Response:

5. Opportunity Value/Risk or Loss Avoidance Benefit – Quantify the estimated annual non-operations benefit to State government. This could include such items as qualifying for additional matching funds, avoiding the loss of matching funds, avoiding program penalties/sanctions or interest charges, avoiding risks to health/security/safety, avoiding the consequences of not complying with State or federal laws, providing enhanced services, avoiding the consequences of not complying with enterprise technology standards, etc.

Response:

6. Total Annual Project Benefit -- Add the values of all annual benefit categories.

Response:

7. Total Annual Project Cost – It is necessary to estimate and assign a useful life figure to each cost identified in the project budget. Useful life is the amount of time that project related equipment, products, or services are utilized before they are updated or replaced. In general, the useful life of hardware is three (3) years and the useful life of software is four (4) years. Depending upon the nature of the expense, the useful life for other project costs will vary between one (1) and four (4) years. On an exception basis, the useful life of individual project elements or the project as a whole may exceed four (4) years. Additionally, the ROI calculation must include all new annual ongoing costs that are project related. Completing Section IV-A, Project Budget of the evaluation document will provide all the necessary information for this item.

Response:

8. Benefit / Cost Ratio_– Divide the “Total Annual Project Benefit” by the “Total Annual Project Cost.” If the resulting figure is greater than one (1.00), then the annual project benefits exceed the annual project cost. If the resulting figure is less than one (1.00), then the annual project benefits are less than the annual project cost.

Response:

9. ROI -- Subtract the “Total Annual Project Cost” from the “Total Annual Project Benefit” and divide by the amount of the requested State IT project funds.

Response:

10. Benefits Not Readily Quantifiable -- List the project benefits which are not readily quantifiable (i.e. IT innovation, unique system application, utilization of new technology, hidden taxes, improving the quality of life, reducing the government hassle factor, meeting a strategic goal, etc.). Rate the importance of these benefits on a “1 – 10” basis, with “10” being of highest importance. Check the “Benefits Not Readily Quantifiable” box in the applicable row.

Response:

11. ROI Financial Worksheet**Annual Pre-Project Cost - How You Perform The Function(s) Now**

FTE Cost (salary plus benefits):	\$
Support Cost (i.e. office supplies, telephone, pagers, travel, etc.):	\$
Other Cost (expense items other than FTEs & support costs, i.e. indirect costs if applicable, etc.):	\$
A. Total Annual Pre-Project Cost:	\$

Annual Post-Project Cost – How You Propose to Perform the Function(s)

FTE Cost:	\$
Support Cost (i.e. office supplies, telephone, pagers, travel, etc.):	\$
Other Cost (expense items other than FTEs & support costs, i.e. indirect costs if applicable, etc.):	\$
B. Total Annual Post-Project Cost:	\$
State Government Benefit (= A-B):	\$

Annual Benefit Summary

State Government Benefit:	\$
Citizen Benefit:	\$
Opportunity Value or Risk/Loss Avoidance Benefit:	\$
C. Total Annual Project Benefit:	\$
D. Annual Prorated Cost (SECTION IV-A):	\$
Benefit / Cost Ratio: (C / D) =	
Return On Investment (ROI): (C – D / Requested Project Funds) x 100 =	%

☐ **Benefits Not Readily Quantifiable**

Section V: ITC Project Evaluation Criteria

Criteria and Location in Project Evaluation Document		Points
1.	Is the project a statutory requirement; legal requirement; federal or state mandate; health, safety or security requirement or issue; and/or required for compliance with the enterprise technology standards? Location: Section I-A	15
2.	Will the project improve customer service? Location: Section I-B.2	15
3.	Does the project have a direct impact on citizens? To what extent does the project help reconnect state government with lowans? Location: Section I-B.3	10
4.	Does the project provide a sufficient tangible and/or intangible return on investment? Will it generate savings or income? Location: Section IV-C	10
5.	Does the project make use of information technology and its practical application in reengineering traditional government processes consistent with the goals and objectives of the state's strategic plans? Location: Section I-B.1	10
6.	Risk: What are the risks associated with the project? Such risks may include those internal and external to state government, the risk of doing a project, the risk of not doing a project, and the risks associated with changing technologies, potential cost overruns, and changing citizen demands and needs. Location: Section II-B.5	10
7.	Is this funding required to continue a project that was begun prior to the year funding is being requested for and does it have proven past performance? Is the funding part of a multi-year strategy? Location: Section II-B1, IVB2	10
8.	Will the project be for only one agency, multiple agencies, or the state government enterprise? Location: Section I-B3, IIB4	10
9.	Has the applicant maximized their own and other resources in the project? Is alternative funding unavailable for this project? (If no other funding available, project will not be completed without Pooled Technology funding) Location: Section IV-B.2, IV-B.3	5
10.	What is the credibility of the requester based on past performance on other projects? Location: Section II-A.2.d	5
Total		100